OBSERVATION WELL OPEN TO THE PEEDEE AQUIFER 0 OBSERVATION WELL OPEN TO THE PEEDEE AND BLACK CREEK AQUIFERS

A SINGLE WATER-LEVEL MEASUREMENT IN A TEMPORARY OBSER-VATION WELL PRIOR TO DECEMBER 1986--Used to help estimate potentiometric contours where no other data exist

NOTE: The potentiometric contours are generalized to portray synoptically the head in a dynamic hydrologic system taking due account of the variations in hydrologic conditions such as differing depths of wells, nonsimultaneous measurements of water levels, variable effects of pumping, and changing climatic influence. The potentiometric contours thus may not conform exactly with individual measurements of water level. The aquifers are in the Cretaceous Peedee, Black Creek and Cape Fear Formations

REFERENCE
Winner, M.D., Jr., and Lyke, William L., 1986, History of ground-water pumpage and
water-level decline in the Black Creek and upper Cape Fear aquifers of the central
Coastal Plain of North Carolina: U.S. Geological Survey Water-Resources Investigations Report 86-4168, 21 p.

NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES
AND COMMUNITY DEVELOPMENT
GREENE COUNTY
JONES COUNTY
ONSLOW COUNTY
CITY OF JACKSONVILLE
TOWN OF SNOW HILL
CITY OF KINSTON
CITY OF NEW BERN
TOWN OF STANTONSBURG
GREENVILLE UTILITIES
NORTH LENOIR WATER CORPORATION